

PATENTED AND TRADE MARK REGISTERED

for Better Illumination





# The EDWIN F. GUTH COMPANY

DESIGNERS - ENGINEERS

Lighting



- MANUFACTL

Equipmer

# TELEGRAPH CODE

Registered Cable Address "BRASCOLITE, ST. LOUIS, U. S. A."

The following code words are in constant use between our various offices and have been found to considerably simplify and abbreviage telegrams, while at the same time conveying full and definite information.

# WE REQUEST THAT YOU USE THIS CODE, ALSO FIXTURE CODE WORDS RATHER THAN TYPE NUMBERS

# INSTRUCTIONS

INSTRUC	TIONS
Illude Big order pending	Improve Send check to the following address
Illuminate Blue prints have been mailed	Impute Send following adv. matter to-
Image Cancel order number	Incase Send following plates to-
Imbed Customer's order number is	Incense This must have immediate attention
Imitate Change route immediately and see-	Incision This is a consumer
Immense Designs will go forward	Incite This is a dealer
Impair Full report will be ready by-	Incline This is an agent
Impart Get in touch immediately with	Include This is a jobber
Imperil Hold for further advice, order number—	Income Will send by mail, further information
Impetus Name of customer is—	Incur What finish desired on order-
Implicate Order amounts to—	Imposter Referring to our order number—
Implore Purchaser's financial standing is O. K.	(For figures see key below)
Import Purchaser's financial standing is unknown to us	Instill Order not approved by credit department
Impose Referring to Engineering Report number	Indelible Will you accept billing order received direct from
Imprint Send all mail to	name of customer and list amount following
ADVISE AND	
Abbott Advice by mail	Accord Please answer our letter
Abdicate Advice by telegram	Acceue Refer to your letter
Abide Answering your telegram	Action Refer to our letter
Ability Answering your letter	Actuary Order is being held up awaiting your reply to our
Abroad Must have your reply at once	letter of—
Accent Immediate reply requested to our letter of—	Acumen Advise by mail if want shipment by Express
Accept Where will you be on—	Adjudicate. Advise by wire if want shipment by Express
Acclaim Refer to your telegram	Adjutant Advise by mail if want shipment by Freight
Accede Refer to our telegram	Admiralty Advise by wire if want shipment by Freight
Acanthus Please answer our telegram	
SHIP AND S	HIPMENTS
Saline Change shipping directions	Scheme Ship with other goods the following
Salmon Change shipping date to	Scholar When was order shipped to-
Salute Duplicate order for	Schooner We can ship in following number of days
Salvage Get ready for shipment but hold for instructions	Science We will ship today
Sampler Refer to your order number—	Scissors We will ship toworrow
Sanctify When will you ship?	Scrape We will ship latter part of week
Sanction How soon can you ship?	Scribe We will ship early part of next week
Sandal Specifications not clear, advise	Selfish We will ship latter part of next week
Sandy By what route did you ship order to-	Sense We cannot promise to ship before
Sanguine If you cannot ship at once, approximate shipping	Shingles We can make immediate shipment
date	Shirk We made partial shipment on
Sanitary Shipping weight, approximate number of lbs.	Skull We made complete shipment
Satisfy Ship the following samples	Skurry Advise on what basis C. O. D. Billing is to be
Sauce Send prepaid and charge on bill	rendered
Scald Ship at once by express	Sky Shipment is now in course of transit
Scamper Ship at once by freight	Skylark Order was shipped on the following date exclud-
Scanty Ship at once by Exp. C. O. D.	ing the following items about which we are
Scarcity Ship at once by Frt. B/L attached	writing you
Scenic Send tracer after shipment	Skylight Order will be shipped on the following date ex-
Sago Shipment is being vigorously traced	cluding the following items about which we
Sage Advise correct name of consignee and destination	are writing you
Sap We have made complete shipment of all orders	
	DUOTATIONS
Quadrangle. Have you queted	Quib You quote direct
	Quire Quote net price only
Quadrant Have quoted st	Quiver Wait for quotations
Ouadroon Have quoted t	Quir We are quoting - Classics

legraphic Figures Use the Following Key:

Quill . . . . Quote list pi

Quiz . . . . We are quoting

BRASCOLITE

AT 4100 Ed99 1923 AVERY LIBRARY COLUMBIA UNIVERSITY CATALOG NO. 10-ILLUSTRATING THE

# BRASCOLITE

PATENTED AND TRADE MARK REGISTEPED

AND OTHER PRODUCTS













# BRASCOLITE ILLUMINATION

More Efficient

Better Quality

Uniform Distribution

Good Ventilation

Less Drop in Efficiency

Easier to Maintain

**Excellent Construction** 

THE HIGH EFFICIENCY of the Brascolite is obtained by the unique and relative positions of the lamp, bowl, and reflector, diffusing and reflecting the light to the working plane with a minimum loss. Photometric tests indicate an average efficiency of the Brascolite of over 80 per cent. By comparison with photometric tests of direct reflectors you will find that it is more efficient than 90 per cent of the direct reflectors and that it shows an average efficiency of effective lumens on the working plane of 65 per cent as against an average efficiency of 35 per cent for ordinary semi-indirect systems and of about 25 per cent for indirect systems.

THE QUALITY of the fight and the UNIFORMITY OF DISTRIBUTION are as good as any artificial light produced by any method, due to all light rays being diffused through the glass or reflected from the white plane.

THE DROP IN EFFICIENCY is less in Brascolites than with direct reflectors, ordinary semi-indirect units or indirect units. Comparative tests under identical conditions indicated a 3 per cent drop in the Brascolite, a 5 per cent drop in the direct reflected light, 7 per cent drop in the indirect units and an 8½ per cent drop in an ordinary semi-indirect fixture. This comparison not only shows that the MAINTENANCE cost with the Brascolite system is less than with other systems, but also shows that a constant saving in current consumption is effected. This low rate of depreciation is due to the construction of the fixture, which eliminates the rapid accumulation of dust and provides perfect ventilation. The adjustable feature of the new hook support makes it possible to easily position the bowl in proper relation to the lamp filament, thereby eliminating shadows from the reflector and halos from the ceiling.

MECHANICAL FEATURES are simple, substantial and practical. Brascolites are made and shipped complete for installation on any standard outlet. They are packed in unit cartons made to railroad specifications and can be delivered on the job without assembling.

The INDUSTROLITE shown on page 27 is a new development for factory lighting, providing highly efficient illumination with absence of glare. Its use promotes safety, and increases production.

The AGLITE, a new all glass fixture with marble-like appearance, is the ideal lighting unit for use in bathrooms, hospitals, or wherever sanitation or cleanliness are essential. It harmonizes with hospital furniture and will not discolor or become tarnished.

The E-LITE, a new all glass ornamental unit is a most beautiful and efficient unit for bedrooms, reception halls, small parlors, under balconies in hotels and other locations where the unit must harmonize with decorative surroundings.

Catalog No. 10 (this issue) supersedes all previous catalogs, and prices become effective June 1st, 1923, and are subject to change without notice. Prices are for fixtures complete (excepting lamps), including packing, cartons, crates and cartage f. o. b. St. Louis, Missouri. Shipping weights given are approximate and are not guaranteed.

NOTE .- All Prices in previous Catalogs are withdrawn and new prices will be quoted on application.

The fixtures shown in this Catalog, with a few exceptions, are patented.

Brascolites, particularly, are thoroughly protected by both mechanical and design patents.

All rights created by the patents are reserved and will be fully protected.

# The EDWIN F. GUTH COMPANY

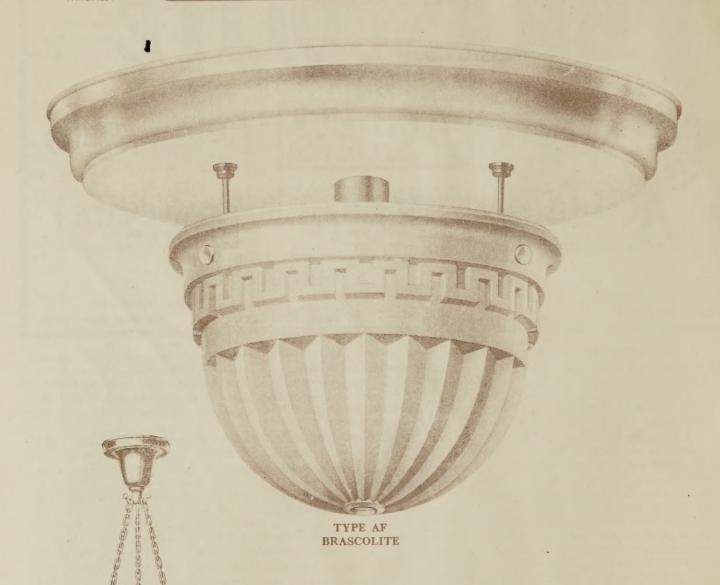
ST. LOUIS, U. S. A.

(Copyright 1923)

AVERY LIBRARY







Reflector All White Glazed Porcelain Enamel
Type AFB same as Type AF—With Band Finished Leather Bronze

400 to 500 Mogul Socket 22 14 23.00 Abrupt Acute 42	100 to 200 Med 200 Med 300 Mog	Out. Dia atts Inches ium Socket 10 ium Socket 14 ium Socket 18 iul Socket 18	Bowl Inches 614 814 11	Price \$ 8.00 11.00 15.00 23.00	Type AF Code Abate Abbey Abet Abject	Type AFB Code Acme Acre Acrobat Access Acute	Ship. Wt. Lbs. 7 12 22 22 42
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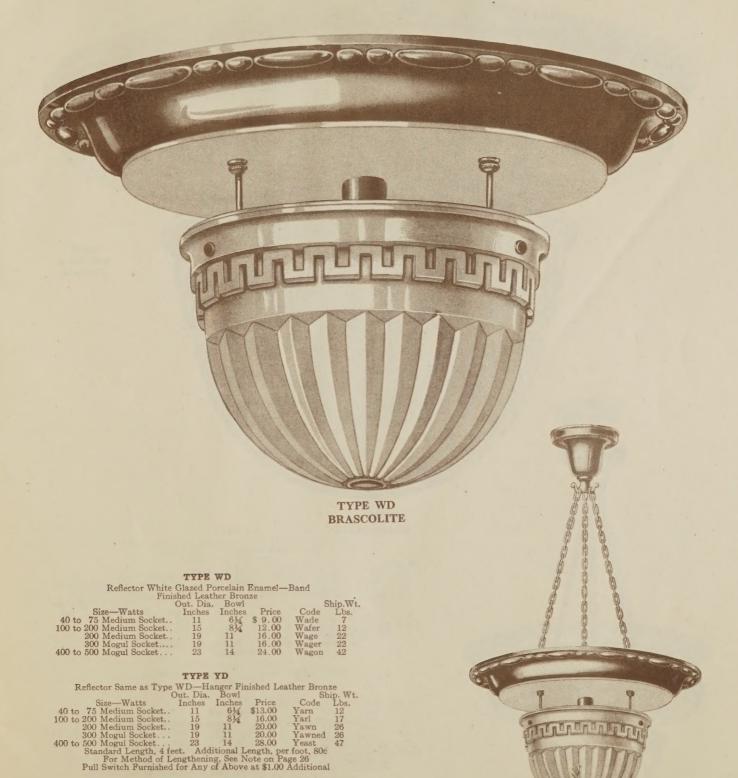
### TYPE AH

Reflector same as Ty	pe AF-	-Hanger Le	eather Bronze	Finish	
Type AHB same as Type AF	I-With	Reflector	Band Leather	Bronze Finis	h
Out. Dia.	Bowl		Type AH	Type AHB	Snip. Wt.
Size-Watts Inches	Inches	Price			Lbs.
40 to 75 Medium Socket 10	634	\$12.00	Actor	Affix	12
100 to 200 Medium Socket 14	814	15.00	Acorn	Alack	17
200 Medium Socket 18	11	19.00	Adage	Alert	26
300 Mogul Socket 18	11	19.00	Adult	Alarm	26
400 to 500 Mogul Socket 22	-14	27.00	Adept	Alto	47

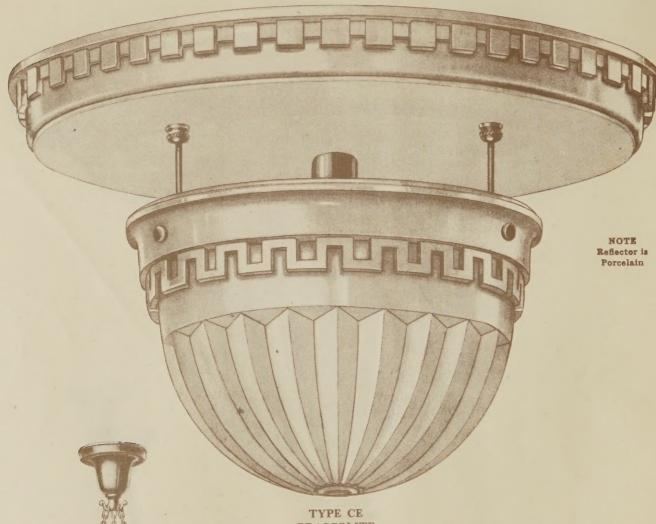
Standard Length, 4 feet. Additional Length, per foot, 80c
For Method of Lengthening, See Note on page 26.
Pull Switch Furnished for Any of the Above at \$1.00 Additional

TYPE AH BRASCOLITE

(1)



TYPE YD BRASCOLITE



BRASCOLITE

# TYPE CE

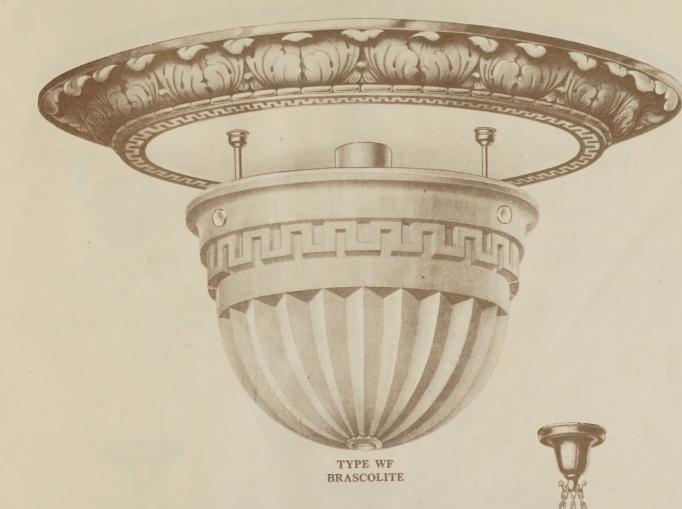
Reflector is Solid	Porcelain-A	Il White	Glazed		
	Out. Dia.	Bowl		S	hip. Wt.
Size—Watts	Inches	Inches	Price	Code	Lbs.
75 Medium Socket		6¼ 8¼		Cat	11
200 Medium Socket		81/4	15.00	Cease	14
300 *Mogul Socket		11			25
*To Reduce Mogul Socke		Base Use	Adapter at	60c	
	Additional				

## TYPE EE

Reflector Same as Type	CE-Hanger	Leather	Bronze Fin	ish	
	Out. Dia.	Bowl			Ship. Wt.
Size—Watts	Inches	Inches	Price	Code	Lbs.
40 to 75 Medium Socket	. 11	61/4	\$15.00	Eve	16
100 to 200 Medium Socket	. 14	81/4	19.00	Eden	19
300 *Mogul Socket	. 171/2	11	29.00	Edit	31
*To Reduce Mogul Socket to M	Medium Base	Use Aday	pter at 60c	Addition	nal
Standard Length, 4 fee	t. Additional	l Length,	per foot, 8	0c	
For Method of Len	ngthening, See	Note or	Page 26		
Pull Switch Furnished for	Any of the A	bove at	\$1.00 Addit	ional	

TYPE EE BRASCOLITE

FOR STANDARD FINISHES OTHER



# TYPE WF

Ornamental Ring, Brass Metal, Finished Antique Gold Fret in Old Ivory—Reflector White Glazed

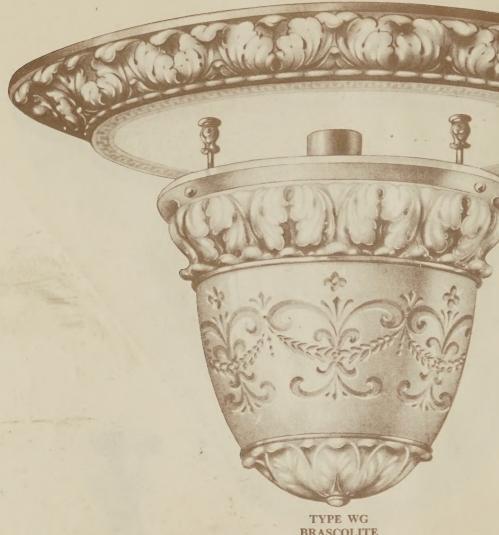
Porc	elain Enam Out. Dia.	el Bowî			hip.Wt.
Size—Watts 100–200 Medium Socket. 200 Medium Socket. 300 Mogul Socket.	21	Inches 81/4 11 11	Price \$17.00 24.00 24.00	Code Wake Wallop Walrus	Lbs. 15 25 25

### TYPE YFF

Three Chain Hanger
Ornamental Ring and Hanger, Brass Metal, Finished
Antique Gold
Fret in Old Ivory—Reflector White Glazed
Parcelain Fragmel

	Out. Dia.	Bow!			Ship.Wt.
Size—Watts	Inches	Inches	Price	Code	Lbs.
100-200 Medium Socket		81/4	\$21.00	Yale	21
200 Medium Socket		11	28.00	Youth	31
200 Manual Contrat	23	_ 11	28.00	York	31
Standard Length 4	feet. Additional	Length,	per foot, 8	UC	
For Method of	Lengthening, See	Note on	Page 20	no1	
Pull Switch Furnishe	ed for Any of Abo	ove at Di	ournon Address	11971	







### TYPE WG

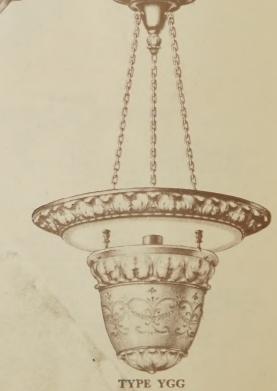
Ornamental Ring, Brass Metal, Finished Antique Gold

TIOU INT.	DIO TAOLA TECHECIO		COLAR	ed Toto		
		Out.				Ship.
		Dia.	Bowl			Wt.
	Size-Watts	Inches	Inches	Price	Code	Lbs.
100-200	Medium Socket	. 17	9	\$19.00	Wean	12
200	Medium Socket	21	111/2	28.00	Wail	19
300	Mogul Socket	21	111/2	28.00	Wait	19
			/-		4.4 000.00	26.62

### TYPE YGG

TYPE YGG

Three Chain Hanger
Ornamental Ring and Hanger, Brass Metal, Finished
Antique Gold
Fret in Old Ivory—Reflector White Glazed Porcelain Enamel
Out.
Dia. Bowl
Inches Inches Price
200 Medium Socket... 17 9 \$25.00 Yelp 15
200 Medium Socket... 21 11½ 34.00 Yell 22
300 Mogul Socket... 21 11½ 34.00 Yelk 22
Standard Length, 4 feet. Additional Length, per foot, 80c
For Method of Lengthening, See Note on Page 26
Pull Switch Furnished for Any of Above at \$1.00 Additional

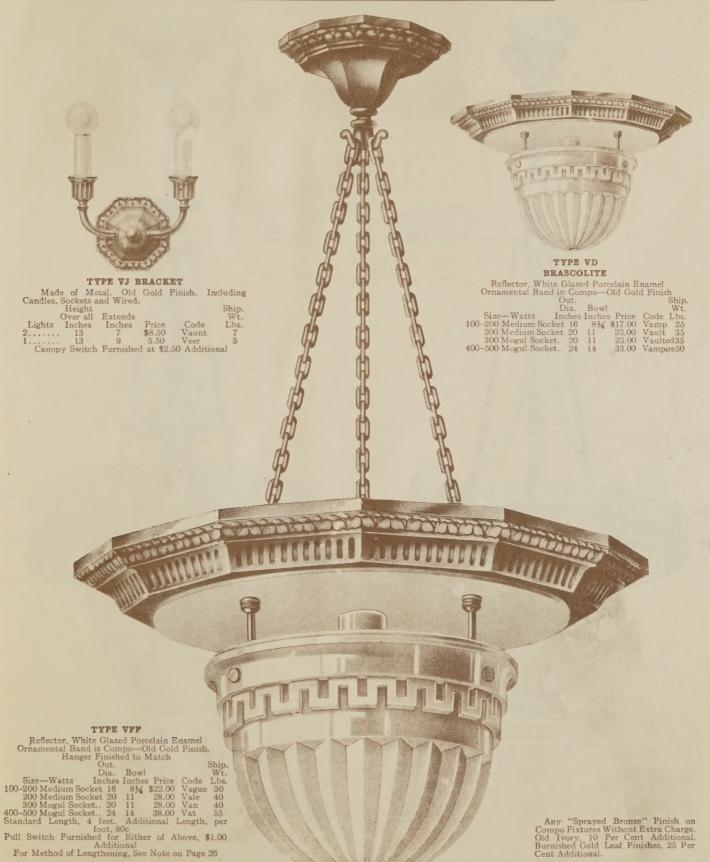


BRASCOLITE

FOR STANDARD FINISHES OTHER







THAN SPECIFIED, ADD 10 PER CENT

For Method of Lengthening, See Note on Page 26

TYPE VFF BRASCOLITE



Ship. Wt. Lbs. 13 18 18 28

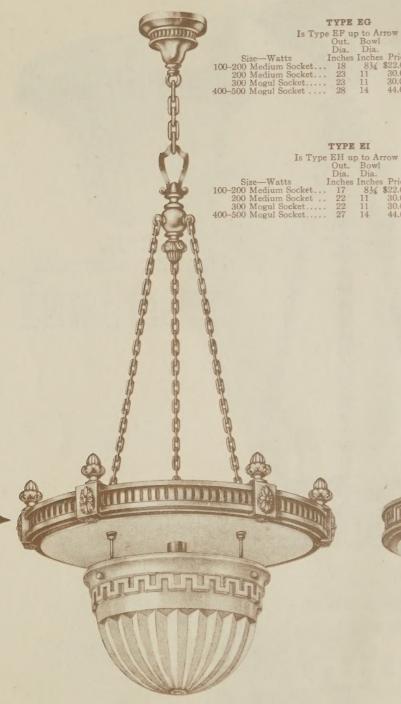
Ship. Wt. Lbs. 12 17 17 27

Code Earn Easter Eager Ebb

Code Harsh Haunt Hatch Hay

\$22.00 30.00 30.00 44.00





# TYPE EF BRASCOLITE

Body Cor	npo, Sta	andard Fi	nish, C	old Gold		
Reflector,	White (	Glazed Po	rcelain	Enamel		
Out	. Dia. B	lowl Dia.	Length	1	5	Ship. Wt.
Size-Watts Ir	ches	Inches	Feet	Price	Code	Lbs.
100-200 Medium Socket	18	81/4		\$42.00	Echo	30
200 Medium Socket	23	11	5	50.00	Eel	40
300 Mogul Socket	23	11	5		Eclipse	
400-500 Mogul Socket	28	14	5		Elder	55
Additional Length per foot !	\$1.00.	Pull Swit	ch Fur	nished at	\$1.00 Ad	ditional



		Finish, Old Gold	
Reflector, Whit	e Glazed F	Porcelain Enamel	
Out. Dia.	Bowl Dia.	Length	Ship.Wt.
Size-Watts Inches	Inches		Code Lbs.
100-200 Medium Secket., 17	81/4	5 \$40.00	Halo 32
200 Medium Socket. 22	11	5 48.00	Hare 42
300 Mogul Socket 22	11	5 48.00	Hail 42
400-500 Mogul Socket 27	14	5 62.00	Hack 58
Additional Length per foot \$1.00.		ch Furnished at	

Any Sprayed Finish on Compo Fixtures can be had without extra charge. Old Ivory, 10 per cent Additional. Burnished Gold Leaf Finishes are 25 per cent Additional.







TYPE OE BRASCOLITE

Reflector, White Glazed Porcelain Enamel—Fret Old Ivory
Ornamental Band is Compo—Old Gold Finish
4 Medium Sockets in Crown Above Reflector
Out Die Rowl Length

	4 MEGININ	SUCKELS	III CIOW.	II TYDUVG	. Mener cor		
		ut. Dia.	Bowl	Length			Ship. Wt
Size—Wa	tts	Inches	Inches	Feet	Price	Code	Lbs.
100-200 Medium	Socket	18	9	5	<b>\$7</b> 5.00	Okra	55
200 Medium	Socket	22	111/2	5	88.00	Onyx	85
300 Mogul S	ocket	22	111/2	5	88.00	Opress	85
			ength, pe	r foot. 1	31.00		
			inhad at				

TYPE OEC

	Is Type O	C Up to th	e Arrow	
Out. Dia.	Bowl Dia.	-		Ship. Wt.
Inches	Inches	Price	Code	Lbs.
18	9	\$35.00	Optic	30
22	111/2	48.00	Oral	60
22	1116	48.00	Orange	60



TYPE OG BRASCOLITE

| Made of Hand Wrought Metal Finished Black and Gold Reflector, White Glazed Porcelain Enamel Out. Dia. Bowl Dia. Length Size—Watts Inches Inches Feet Price Code Lbs. 100–200 Medium Socket. 15 9 5 \$67.25 Oar 22 200 Medium Socket. 18 11½ 5 91.25 Oats 34 300 Mogul Socket. 18 11½ 5 91.25 Obstruct 34 400–500 Mogul Socket. 24 16 5 131.00 Obtuse, 56 Extra Lengthening \$1.00 per foot.

TYPE OGC

Out. Dia.	Is Type Bowl Dia.	OG Up to		Ship. Wt.
Inches	Inches	Price	Code	Lbs.
15	9	\$37.25	Occult	15
18	111/2	51.25	Ocher	23
18 24	111/2	51.25 71.00	Octave Octupus	23 32
2/2	10	11.00	octupus	04







### TYPE RH BRACKET

Bracket Compo, Finished Verde Gold, Lamps Not Included (2 Lights, Keyless Sockets)

Height Over All Inches Inches Price Code
16 \$22.00 Rack
Canopy Switch Furnished at \$2.50 Additional

Any "Sprayed Bronze" Finish on Compo Fixtures Without Extra Charge. Old Ivory, 10 Per Cent Additional. Burnished Gold Leaf Finishes, 25 Per Cent Additional.



### TYPE RJ BRACKET

Bracket Compo, Finished Verde Gold, Lamp Not Included (1 Light, Keyless Socket)

Extends Height Over All Inches Price Cole Lbs.
7 16 \$12.50 Rattan 8 Signature All Signature All Frice Code 16 \$12.50 Rattan Canopy Switch Furnished at \$2.50 Additional

Note—Glass Bowl is Adam Relief Etched—A White Glass with Design Slightly Embossed in a Light Tan Color.

TYPE XJE BRASCOLITE

Ornamental Body of Compo, Finished Verde Gold Fret Old Ivorv Reflector White Glazed Porcelain Enamel Out. Size Dia. Bowl Upper Size—Watts Inches Inches Lights Price Code Lbs.
100-200 Medium Socket 17 10 3 \$59.50 Waddle 65
200 Medium Socket 21 12 4 78.00 Wag 78
300 Mogul Socket. 21 12 4 78.00 Water 78
400-500 Mogul Socket. 25 14 6 109.50 William100
Additional Length, per foot, \$2.00
Pull Switch, \$1.00 Additional
Standard Length, 5 feet

TYPE WJE BRASCOLITE

Same as Type XJE, Without Upper Lights
Size Bowl
Inches Price Code Lt Ligh

347.50 Code

\$47.50 Wallet

12 62.00 Wan

14 85.50 Wand

Additional Length, per foot, \$2.00

Pull Switch, \$1.00 Additional

TYPE XJCE

BRASCOT

Size P Out. Dia. Inches 17

Ceiling Type Up to Arrow Size Bowl Inches Price (10 \$33.50 V 12 43.00 V 14 43.00 V 15 43 Ship. Wt. Lbs. 27 38 38 52 Out. Dia. Inches Price \$33.50 43.00 43.00 Code War Warm Wart 14 65.00 W Pull Switch, \$1.00 Additional

TYPE XJE









Type EAG Without Switch
Type EAH With Switch
Ceiling Type With Same Finish and Glassware as on Type EAE
Prices Complete Except Lamps—No Package Charge
Packed 4 Units to a Carton
Code Price Ship. Wt. Lbs.
Type EAG No Switch. East \$10.00 35 | Carton
Type EAH With \*Switch. Ebony 11.00 35 | 64
\*Note—See Cross Section Above for Standard Arrangement of Switch

Type EAI Without Switch
Type EAJ With Switch
Pendant Type, 3 Feet Long Over All
Standard Finish, Tusk Ivory
Ornamental White Glass Reflector No. G-1060
13 Inches Diam. Lower Shade of White Glass
6 Inches Diam. No. G-1122
Prices Complete Except Lamps—No Package Charge
Packed 4 Units to a Carton
Code Price Ship.
Type EAI No Switch......Ear \$10.00 40
Type EAJ With \*Switch.....Earl 11.00 40)
\*Note—Pendant Types Have the Switch in Canopy Ship. Wt. Lbs. 40 Carton 40 of 4

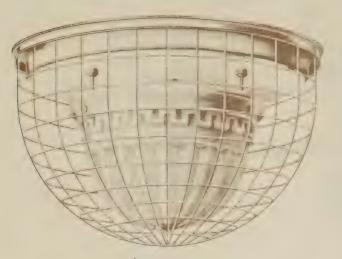


Type EAK Without Switch
Type EAK Without Switch
Type EAL With Switch
Type EAL With Switch
Ceiling Type with Same Finish and Glassware as on Type EAI
Prices Complete Except Lamps—No Package Charge
Packed 4 Units to a Carton
Code Price Ship. Wt. Lbs.
Type EAK No Switch. Editor \$8.00 24 Carton
Type EAL With \*Switch. Effete 9.00 35 of 4
\*Note—See Cross Section Above for Standard Arrangement of Switch

The E-LITE, a new two-piece glass ornamental unit is a most beautiful and efficient unit for bedrooms, sun parlors, breakfast rooms, and other locations where an efficient unit should harmonize with decorative surroundings.









DETAIL SHOWING METHOD OF ATTACHING WIRE GUARD TO CEILING INDEPENDENT OF THE BRASCOLITE

Wire Guards and Supporting Rings to Fit Over

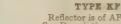
	For Use with	Out. Dia.			
	Brascolite	Over All			Ship. Wt.
	Size—Watts	Inches	Price	Code	Lbs.
G-1797	. 40-75	13	\$ 5.00	Neal	6
G-1798	100-200	171/2	7.50	Nix	8
G-1799	200-300	21	10.00	Nestle	10
G-1800	400-500	25	15.00	Newel	12



Price Fixture Only, Socket Not Included, as its Purpose is to Attach to Old Sockets by Means of Standard Shade Holder Out. Dia. Bowl Fitter Ship. Wt. Size—Watts Inches Inches Inches Price Code Lbs. 40 to 75 10 614 214 \$8.00 Bargain 7 100-200 141/2 81/4 31/4 10.00 Bath 10

### NOTE

Any type Brascolite can be furnished with attachments for connection to any type of ceiling fan.



Reflector is of AF Type
See Description on Page 2
Out. Dia. Bowl
Size—Watts Inches Inches Price Code Lbs.
40 to 75 10 6¼ \$ 9.00 Lancet 9
100 200 14 8½ 12.00 Lard 14
Manufacturer's Name and Type Number of Fan Must be
Specified When Ordering

TYPE KF
BRASCOLITE
Pull Switch for Control of Light Only at \$1.00 Additional
Two Pull Switches for Separate Control of Single Speed Fan and
Light, \$2.00 Additional
Two Pull Switches for Separate Control of Two or Three Speed Fan
and Light at \$4.50 Additional
Pull Switches for Control of Fan are Furnished Wired with Terminals Marked Ready for Connection to Wires from Fan, and
Replace Fan Switches Regularly Supplied with Fan,
Which May be Omitted













### TYPE SF BRASCOLITE

Reflector, White Glazed Porcelain Enamel Band Finished Leather Bronze ablematic or Trade-Mark, Etched Bowls in Full Colo

	Emplematic of	Trade-Mai	K, Ltc	med bowls	in ruii (	COLOTS		
		Out. Dia	a.	Bow1		S	hip. Wt.	
	Size-Watts	Inches		Inches	Price	Code	Lbs.	
75-200		15		9	\$28.60	Savage	7	
200	Medium Socket	19		111/2	36.60	Senate	23	
300	Mogul Socket	19		111/2	36.60	Sexton	23	
100-500	Mogul Socket	23		16	53.25	Shad	36	
		Pull Switch	\$1.00	Additional			00	

Pull Switch, \$1.00 Additional
Prices as listed include any National Trade-Mark or Emblem. Where
individual Trade-Mark, Monogram or Emblem is required, an
extra Charge of \$25.00 net will be made for Etching Plate
for each size Bowl from which any number of
Bowls may be Etched





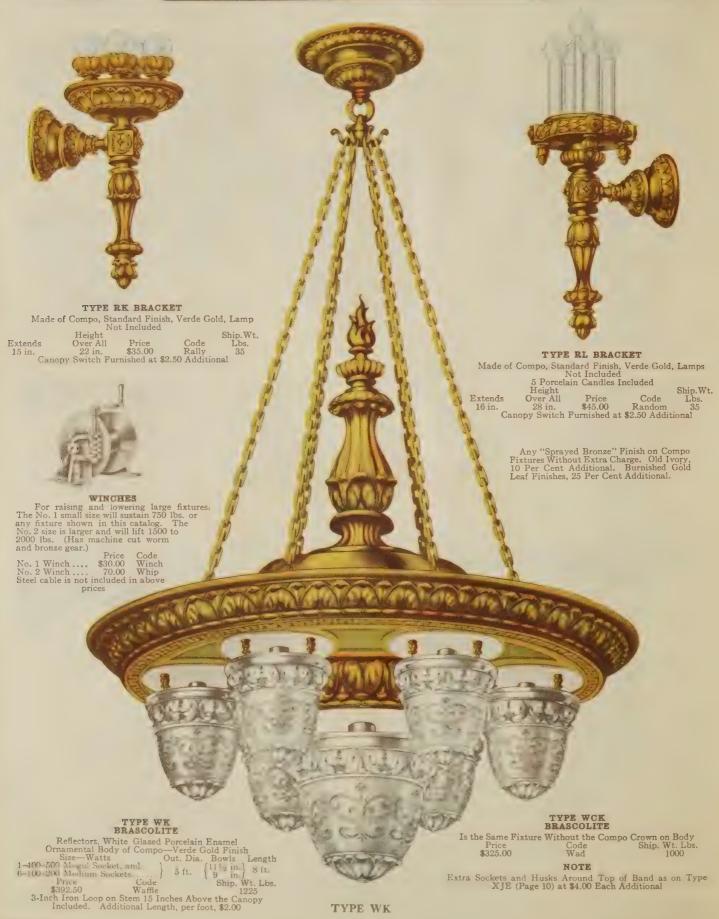


TYPE VGC
BRASCOLITE

Metal Bracket, Leather Bronze Finish
Reflector, White Glazed Porcelain Enamel
Extends Bowl Size—Watts Inches Inches Price Code Lbs.
40 to 75...... 15. 61/4 \$12.00 Value 10

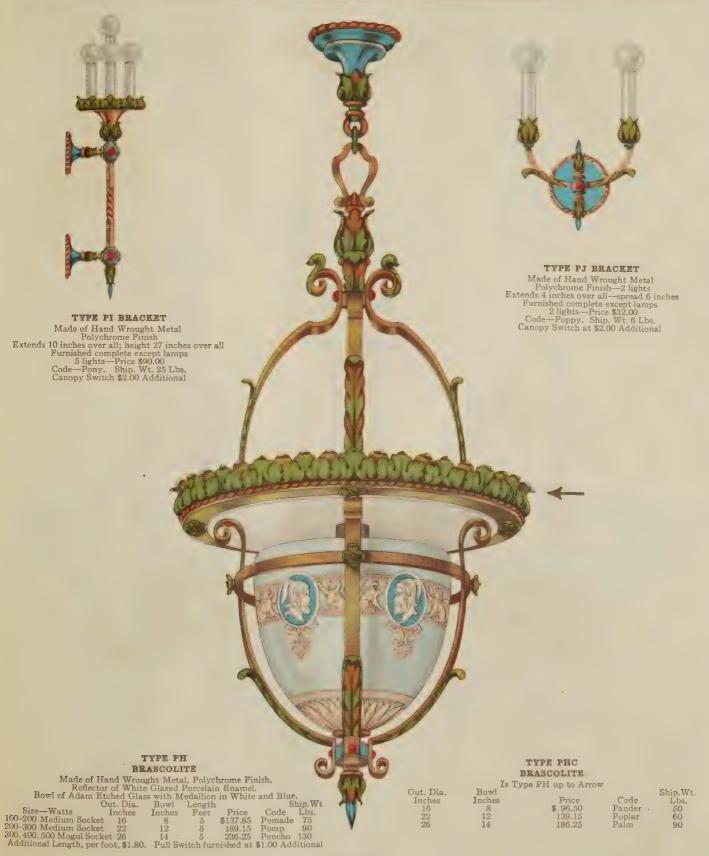






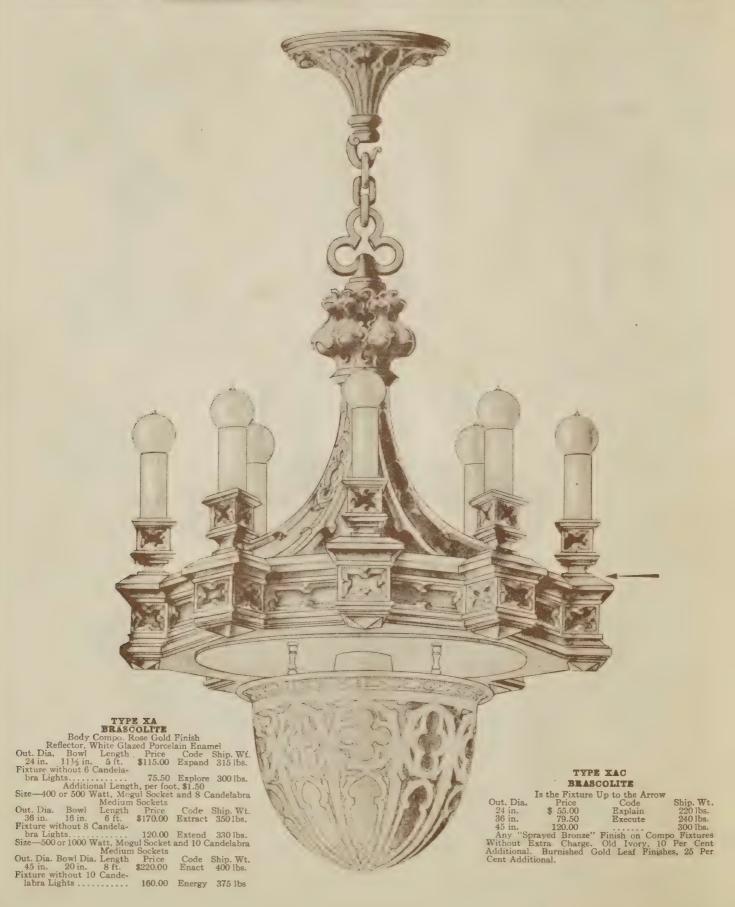


















Any Sprayed Finish on Compo Fixtures can be had without extra charge. Old Ivory, 10 per cent Additional. Burnished Gold Leaf Finishes are 25 per cent Additional.

\*\* Feet Price Code L
5 \$49.75 Exclaim
5 \$65.75 Exertion
5 \$9.00 Exhort
5 \$9.00 Exile
5 135.25 Exotic 1:
Pull Switch, \$1.00 Additional

| Size—Watts | Inches | Inches | 100-200 | Medium Socket | 16 | 9 | 200 | Medium Socket | 22 | 11 | ½ | 300 | Mogul Socket | 22 | 11 | ½ | 400-500 | Mogul Socket | 28 | 16 | 400-500 | Mogul Socket | 36 | 20 | Additional Length, per foot, \$1.00. | 1

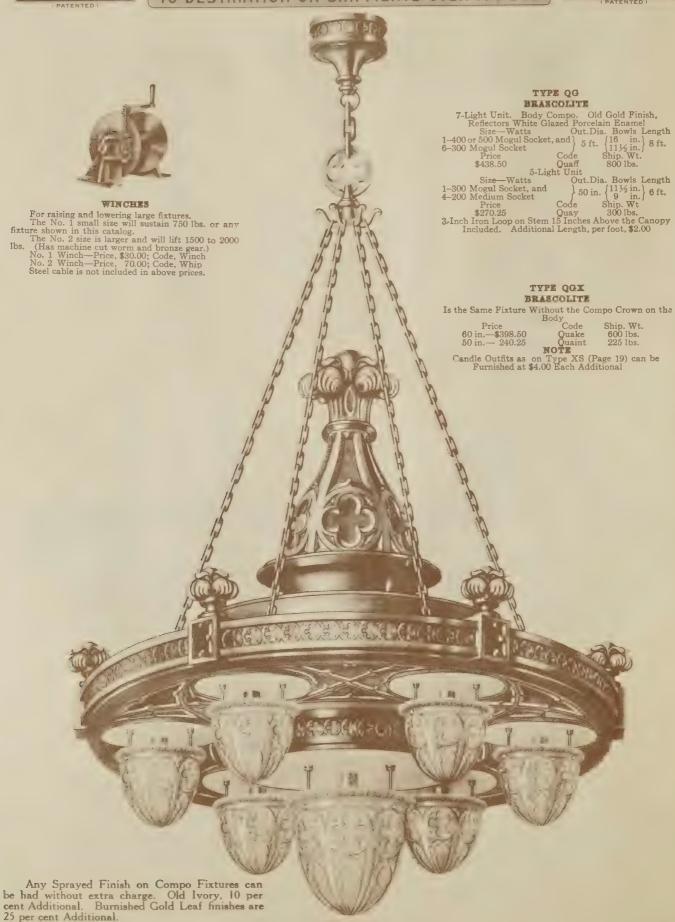
Expel 20
Expend 30
Expiat 40
Explicit 60
Exorbitant 90

\$44.00 54.50 54.50

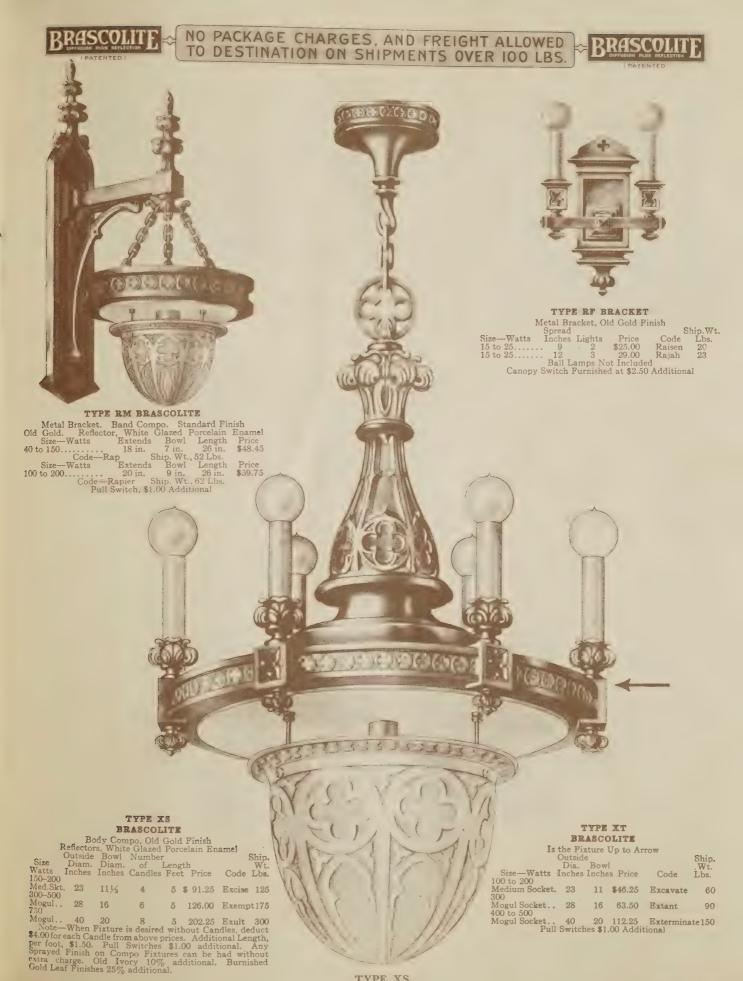
Pull Switch, \$1.00 Additional







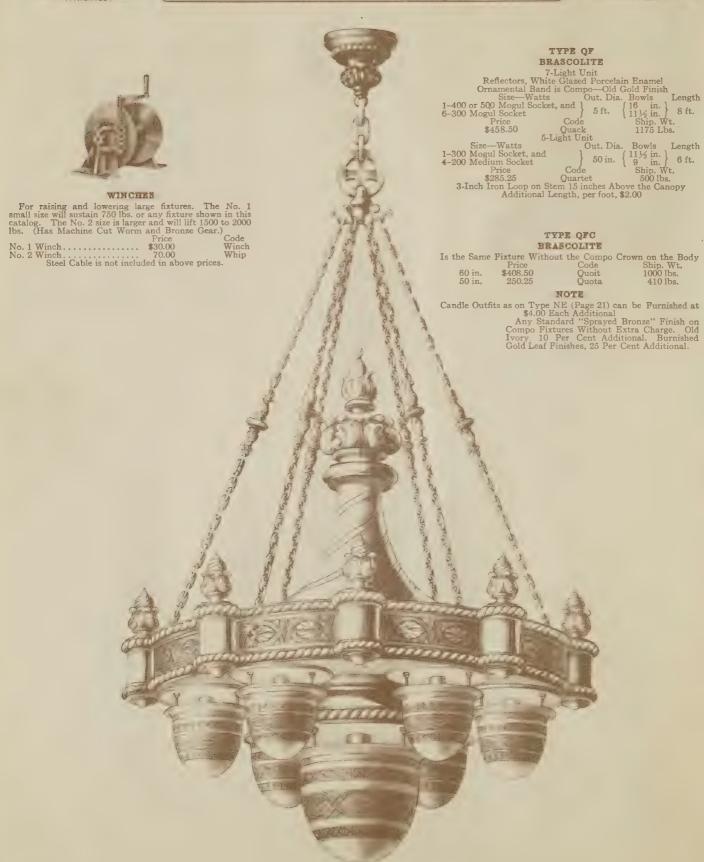
TYPE QG



TYPE XS







TYPE QF









TYPE RG BRACKET

Made of Metal, Old Gold Finish
Spread
Inches Lights Price Code
9 2 \$35.00 Ram
12 3 41.00 Ramble Ship.Wt. Lbs. 22 le 25



### TYPE NE BRASCOLITE

BRASCOLITE

Body Compo, Old Gold Finish
Reflectors, White Glazed Porcelain Enamel
Outside Bowl Number
Size— Diam. Diam. of Length
Watts Ins. Ins. Candles Feet Price Code Lbs.
150-200
Med. Skt. 23 11½ 4 5 \$ 91.25 Near 125
300-500
Mogul... 28 16 6 5 126.00 Neck 175
750
Mogul... 40 20 8 5 202.25 Nephew 300
Note—When Fixture is desired without Candles, deduct
\$4.00 for each Candle from above prices. Additional Length,
per foot, \$1.50. Pull Switches \$1.00 additional. Any
Sprayed Finish on Compo Fixtures can be had without
extra charge. Old Ivory 10% additional. Burnished
Gold Leaf Finishes 25% additional.



Is Type NE Up to the Arrow Code Ship.Wt.

1. \$46.25 Nerve 60 lbs.

1. \$2.50 Nest 90 lbs.

1. \$12.25 Neutral 150 lbs. Out. Dia. 23 in. 28 in. 40 in.

TYPE NE







TYPE BCH

Bowl—Lower Part Opal Cased, Upper Part Clear

	Renector.	white G	lazed Poi	celain En	ameied		
	Out. Dia	. Bowl	Service	Auxiliary			Ship.Wt.
Size—Watts	Inches	Inches	Lights	Lights	Price	Code	Lbs.
40- 75 Watts	. 10	8	1 .	None	\$ 9.50	Brush	10
100-150 Watts	. 14	9	1	1	13.50	Buckle	12
100-150 Watts	. 14	9	1	2	14.50	Budge	12
D.,.1	1 Corridate f.	as aantral	of one li	~h+ €1 ∩∩	Additional		

The lowest for control of one light \$1.00 Additional Pull Switch for control of two lights \$2.00 Additional The additional lights in larger size fixture are for purpose of night or special requirements in addition to regular service light.



Close Ceiling Enclosed Type With White Glazed Porcelain Enameled Ceiling Flange
Dia. Ceiling Globe Dia. Globe
Ship
Size—Watts Flange Inches Number Price Code Li Ship.Wt. STEZ STFA



This unit has proved most efficient and practical for operating

rooms.

Auxiliary lamps on ceiling canopy provide general illumination for the room, and center light under reflector provides a large volume of semi-concentrated diffused light on table or chair.



TYPE BF
TYPE "BF" Prices wired complete except lamps.
All White. 3 porcelain receptacles in ceiling plate.
length, 60 inches Extra lengthening, per foot, \$2.00.

		L/10011114			
	Spread	Bowl			
	Inches	Inches	Code	Price	
75 to 150 Watts		9	Shelf		
200 Watts	20	1116		45.75	
300 to 500 W. Mogul			Shire		
TYPE "BFC" is the fixture	110 +0	Agram	Drices	complete	
			Files	complete	
except lamps. All White Porcel	lain Ena				
		Diam.			
	C 1	731			

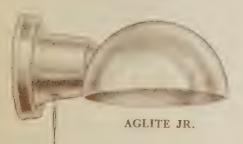
75 to 150 Watts 14 9 Shoal \$21.
200 Watts 20 11½ Shoat \$23.
300 to 500 Watts 26 16 Shrewd 42.
Pull Switch furnished for any of the above at \$1.00 Additional





WHITE PORCELAIN ENAMELED





PATENTED AND TRADE-MARKS REGISTERED

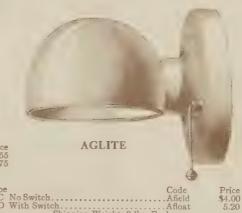
Note simple construction. No insulating joint, canopy insulator or splicing of wires required. All necessary parts are supplied The Aglite is shipped as a complete unit. The Aglite finish can't wear off—It is all white glass.



AGLITE 

AGLITE ALL WHITE GLASS





AGLITE JR.

6.00

The above units are made of white glazed Por-celain Enamel on steel. Shades are of best quality

Celan Enamel on steel. Shades are with glass.

Units are assembled and installed direct to house wire by means of invisible patented screw collars. No set screws or screw heads visible. Easily and quickly installed, no metal parts to tarnish or impede cleaning of unit.



AJI With Switch.....Abode 980

\*2 C. P. Pilot Light Lamp Included

\*\*2 C. P. Pilot Light Lamp Included

\*\*Xote—The transformer built in this unit can be used on "AC" 110-115 volt 60 cycle current only. Shipping Weight, 7 lbs.



Type Code Pric

JE No Switch......Allege \$6.0

JF With Switch.....Allege 7.2

Shipping Weight, 4 lbs.

\*Hubbell Double "T" Slot Receptacle Included



Reflectors of White Porcelain Enamel-the Globes are of finest quality high efficiency glass. Chain Hangers and canopies are Leather Bronze Finish. These Units are packed in individual Cartons

Additional Length, per foot, 80 cents

### **DESK-LITE**

SHADE PORCELAIN ENAMELED. WHITE INSIDE OLIVE GREEN OUTSIDE

SHAFT AND BASE OF CAST METAL

**EFFICIENT DURABLE** TROUBLE-PROOF MODERATE PRICE RESTS THE EYES



### TYPE "STDM" DESK LAMP

For flat top deske, display counters, etc. Base of lamp is recessed to receive pins or paper clips, which increases its usefulness. Bottom of base is rounded and smooth to prevent scratching or marring the desk.

These lamps are furnished complete (except light bulbs) all assembled with pull chain socket and 6 feet of parallel silk cord with plug. The finish is Olive Green No. F-142.

Standard cartons consists of two lamps. Standard package consists of 6 standard cartons.

6 standard cartons. Price in standard carton of 2.

Price in standard carton of 2. \$15.00 each
Price for unbroken standard packages. \$150.00

# PORCELAIN ENAMELED CEILING FLANGES



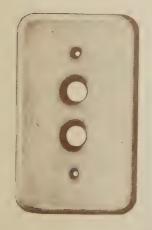
Flanges can be had as priced below without glassware, but otherwise complete with medium receptacle, bridge, set screws, etc., ready for attaching to any standard outlet. (Lamps not included.)

YPE "STDV," YPE "STDW," YPE "STUF," YPE "STOF," YPE "STVF,"	3¼ inc 4 inc 5 inc	h Holder h Holder h Holder h Holder h Holder			634 834 884	Code Sheik Sullen Shrine Shad Shah	Price \$2.00 2.20 2.40 2.60 2.80
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### **LUMO-VITRO SWITCH PLATES** PORCELAIN ENAMELED

# A NEW, NOVEL SWITCH PLATE

FOR HOSPITALS, HOTELS, HOMES, STORES, OFFICE BUILDINGS, ETC.





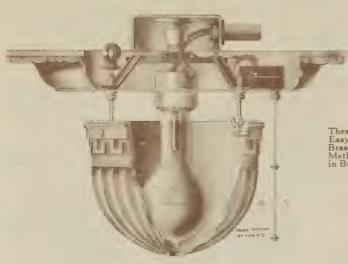


A Switch Plate that will Outlast the Building in which it is installed Packed in Individual Cartons, including Nickel Plated Screws Single Gang Push 5-20043 Standard Package of 25 at. \$0.25 Each Two Gang Push 5-20044 Standard Package of 25 at. 60 Each Three Gang Push 5-20045 Standard Package of 25 at. 90 Each Single Gang Plush 5-20046 Standard Package of 25 at. 25 Each Plates can be furnished up to Twelve Gangs at 50c per gang Also furnished in Pale Pink, Pale Blue, Brown, Gray and Old Ivory Colors at 10 cents per plate additional Can be furnished for any type Toggle or Signal Switches at same prices

LESS THAN STANDARD **PACKAGE** 20% ADDITIONAL

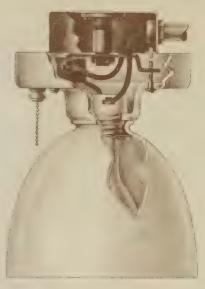






CROSS SECTION BRASCOLITE

These Sectional Views Show Easy Method of Installing Brascolites, and Aglites, and Method of Installing Switches in Both Fixtures.



CROSS SECTION AGLITE

### CHAIN HANGERS

All standard ceiling type Brascolites may be converted to three-chain suspension types by the addition of standard chain hangers. These hangers are packed in unit cartons, including all necessary parts for installation, and are furnished in plated finish to match the fixtures for which they are intended. The construction is in accordance with underwriters' rulings, and when used with Brascolite fixtures provide a complete approved appliance.

When fixture using standard chain hangers are ordered in lengths exceeding 4 feet, the extra lengthening will be made with single

chain, as illustrated by Sketch 39.

Use Numbers Given Below for Convenience when Ordering Parts to Replace Breakage, Etc.



TUSCAN BRASCOLITE BOWL IN 4 SIZES

NO. 34 - 6/4" OUTSIDE DIAMETER, NO. 35 - 8/4" n n NO. 36 - 11" n n NO. 37 - 14" n n



NEW STANDARD TRIPOD

NO. 56-5 IN. - FOR- 40 TO 75 W. BRASCOLITES NO. 57-7 IN. - FOR-100 TO 150 W. BRASCOLITES NO. 58 - 10 IN. - FOR-200 TO 300 W. BRASCOLITES NO. 59 - 12 IN. - FOR-400 TO 500 W. BRASCOLITES















NO.23 CANOPY STIRRUP



NO. 24 1/2" WIRE HOLE TAPPED 3/4" IRON SEATS 1/4" CASING



NO. 25 7APPED 3/8 IRON SEATS 7/8 CASING



NO. 42



PULL SWITCH



BRASCOLITE CHAIN



NDUSTROLITE THE FACTORY FIXTURE

IS WEATHERPROOF CAN BE USED OUT DOORS



Type STEK— 50/75 Watt—10 inch Diam. Type STEL—100/200 Watt—13 inch Diam. For STANDARD Type "C" LAMPS

Type STEM—25 Watt (Mill Type Lamp)
10 inch Diam.
Type STEN—50 Watt (Mill Type Lamp)
13 inch Diam.

Made of Porcelain Enameled in our Modern Electric Furnaces. Shades are white inside, olive green outside. Efficient, Strong, Weatherproof, Permanent, Moderate Cost. Furnished complete with Brascolite No. 52 Medium Base Receptacle which has our Patented Protected Terminals.

Copper Housing for Receptacle Provides Easy Access for Wiring and Removing Shade—No Set Screws or Delicate Parts.

### **PRICES**

Type STEK—10 inch Diam., \$3.00 each
Type STEL—13 inch Diam., 3.60 each
(Standard Package, 20 shades.)

This shade is adapted to all types of Factory and Outside Service.

### PRICES

Type STEM—10 inch Diam., \$2.60 each
Type STEN—13 inch Diam., 3.20 each
(Standard Package, 20 shades.)

This shade is particularly designed for use with mill type lamps, over looms, benches and other industrial lighting needs.

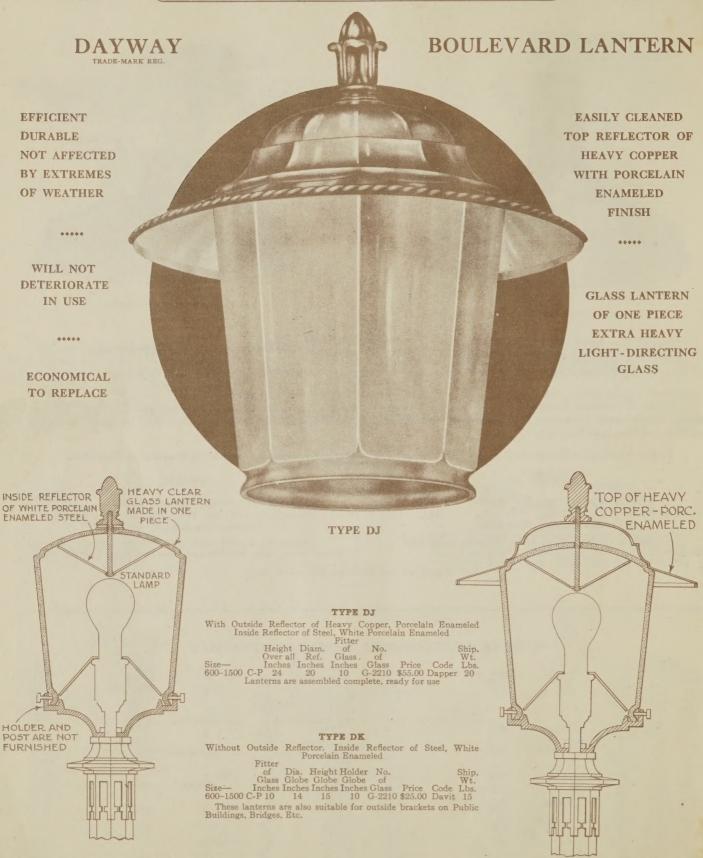
Less than Standard Package, 10% Additional.

# PRICES OF GLASSWARE ONLY SHOWN IN THIS CATALOG

	Size	Style of Bowl	Shown on Type	Price Each	Glass Number	Size	Style of Bowl	Shown on Type	Price Each
G-766	61/4"	Tuscan	AF	 \$ 3.00	G-2141	7"	Plain	Magic-Lites	\$ 1.55
G-765	814			 4.00	G-2142 G-2143	101/2			
G-104	11"				G-2144	14"			4.25
	14"			 12.00	Any National	1 7"	Emblematic.		17 20
	9"	Italian	WG	 7.00	Émblem	(9"			21.10
G-1368				 11.00	00	11172			31.25
0 000	9"	Renaissan	eOGC	 11.25	Trade-Mark	116"			45.00
	111/2"				G-632	1114"	Romanesque.	NE.	11.25
	16"	#	*** * ****	 22.50	G-633	16*		I 12	22.50
0	10"	Italian	XJE	 15.65	G-634	20"			56.25
	12"			 18.75	Y-DZ/		Hospital	RR'	0.00
CI AMOO				31.25	G-628				
	3.0#	Roman		14.10	G-629 G-236	776"		BCH	15.75
G-1795	140	*			G-235			DCH	
G-110	7"	Cathia	RM	 8.45			Aglite	ATA	1.00
G-111	9"			 11.25	G-196	6"		AJD	1.00
G-113.	111/2"		XS	 12.50.	G-1060	13*	Lance	EAE	2.40
G-391	90#			22.50	G-1126 G-1122	0.8		EAI	4.00
				 50.25	0-1122			Latt	2.00







Cross section drawing of type DK showing application to typical street lighting posts. This type is particularly adapted for business districts where light on fronts of buildings in addition to street light is desired.

Cross section drawing of Type DJ showing application to typical street lighting post. This type is particularly adapted for residential districts where a wide and downward distribution of light is necessary.

# CHART FOR CALCULATING BRASCOLITE ILLUMINATION

area to be lighted by the value obtained and multiply the result by 100, which will give you the wattage for the Locate this value on the scale "A" at left-hand margin and trace horizontally to the right to intersection with curved line, then down to lower margin where square feet may be read from scale "C". The value thus obtained will be the area which can be lighted with 100 watts; divide actual The value thus obtained will be the area which can be lighted with 100 watts; divide actual Select the foot candle intensity required for the service.

The chart may be used in reverse order to determine foot candles which will be produced in a given space by a

lamp of given size.

15.0

40

130

12.0

011

FLOOR

known factor (mounting height or spacing respectively) and trace to diagonal line then to margin for other factor. Values obtained by this method may be considered approximately correct for mounting heights of 10 '0". To determine either spacing or mounting height when either factor is known, select on scale "B"

obtain correct values for additional heights up to 17.0" increase the wattage determined by the chart method by the

following percentage:

| 1 '0" add 5% to the value for 10'0" | 15 '0" add 36% to the value for 10'0" | 12 '0" | 11 '0" | 17 '0" | 17 '0" | 17 '0" | 17 '0" | 17 '0" | 17 '0" | 17 '0" | 17 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" | 18 '0" |

SCALE

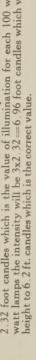
**YBOVE** 

curve then down to lower margin we find 112 sq. ft. will be lighted by each 100 watts. Total area 18x96 = 1735, 1728 ÷ 112=15. 4; 15. 4x100=1540; add 11% for 12′ ceiling height=1540 plus 169 = 1709; therefore 1709 watts will light the

store under consideration to an intensity of 6.0 foot candles.

Since the ceiling height is 12 ft. we will select mounting height as being directly on the ceiling. Tracing from 12 on scale "B" at lower left hand margin to diagonal line and then down to margin we read an average spacing from scale "D" of 16 6", dividing room length 96 ft. by 16 6" we get 6 as a result which is the number of outlets required; as previously determined we require 1709 watts for the total space and would therefore use 6-300 watt lamps (1800 watts)

Reversing our calculations to determine exact foot candles developed we take the area served by one lamp (288 sq. ft.) locate this value on scale "C" trace up to intersection with curved line then to left margin where we read 2.32 foot candles which is the value of illumination for each 100 watts of lamp capacity. Since we are using 300 watt lamps the intensity will be 3x2.32=6.96 foot candles which value we must reduce by 11% to correct for excess height to 6.2 ft. candles which is the correct value.



FOOT

5.0

4.0

00 1 9 5 4

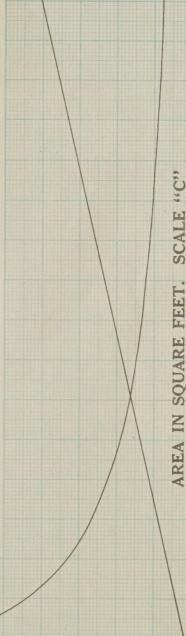
30

", B"

0.9

MOUNTING HEIGHT

CANDLES



1000

28

900

26

24

SCALE

IN FEET. 20

AVERAGE SPACING

800 25

200 23

009

500 6

400 17

300 5

200 3

00 -

0

SCALE

 $\underline{\infty}$ 

9

4

2

0

